## ( ) Claims

- 1. A wastewater treatment apparatus comprising an obligatory anaerobic tank for bringing wastewater containing a nitrogen-containing dye into contact with sulfate-reducing bacteria under obligatory anaerobic conditions, a nitrification tank for bringing the wastewater into contact with nitrifying bacteria under aerobic conditions and a denitrification tank for bringing the wastewater into contact with the denitrifying bacteria under anaerobic conditions.
- 2. A wastewater treatment apparatus of Claim 1, wherein the obligatory anaerobic tank, the denitrification tank and th nitrification tank are disposed in the order of mention and a portion of the treated water discharged from the nitrification tank is caused to return and circulate to the denitrification tank.
- 3. A wastewater treatment apparatus of Claim 1, wherein the obligatory anaerobic tank, the nitrification tank and the denitrification tank are disposed in the order of mention and a re-aeration tank for bringing BOD decomposing bacteria into contact with the wastewater under aerobic conditions is disposed downstream of the denitrification tank.
- 4. A wastewater treatment apparatus, wherein a denitrification tank for bringing wastewater containing a nitrogen-containing dye into contact with sulfate reducing

bact ria and denitrifying bact ria under obligatory anaerobic conditions and a nitrification tank for bringing the wastewater into contact with nitrifying bacteria under aerobic conditions are disposed in the order of mention, whereby a portion of the treated water discharged from the nitrification tank is caus d to return and circulate to the denitrification tank.

- 5. A wastewater treatment apparatus of Claim 1, wherein the bacteria have been immobilized by a microorganism immobilization support in at least one tank selected from the obligatory anaerobic tank, the nitrification tank and the denitrification tank.
- 6. A wastewater treatment apparatus of Claim 3, wherein the bacteria have been immobilized by a microorganism immobilization support in at least one tank selected from the obligatory anaerobic tank, the nitrification tank, the denitrification tank and the re-aeration tank.
- 7. A wastewater treatment apparatus of Claim 4, wher in the bacteria have been immobilized by a microorganism immobilization support in at least one tank selected from th nitrification tank and the denitrification tank.
- 8. A wastewater treatment apparatus of Claim 5, wherein the microorganism immobilization support is at least one support selected from gelled support, plastic support and fibrous support.

- 9. A wastewater treatment apparatus of Claim 8, wherein the gelled support is a polyvinyl alcohol hydrogel.
- 10. A method of treating wastewater containing a nitrogen-containing dye, which comprise the following steps (1) to (3):
- (1) an obligatory anaerobic step for bringing the wastewater containing a nitrogen-containing dye into contact with sulfate reducing bacteria under obligatory anaerobic conditions;
- (2) a nitrification step for bringing the wastewater into contact with nitrifying bacteria under aerobic conditions; and
- (3) a denitrification step for bringing the wastewat r into contact with denitrifying bacteria under anaerobic conditions.